

**STATEMENT OF WORK****Comprehensive Nutrient Management Plan (code 100)  
Pennsylvania**

**These deliverables apply to this individual plan. For other planned practice deliverables refer to those specific Statements of Work.**

**PLANNING**

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***NOTE: A comprehensive nutrient management plan (CNMP) should address all land units that the animal feeding operation (AFO) owner and/or operator owns or has decision-making authority over and on which manure and organic by-products will be generated, handled, stored, or applied.***

***NOTE: NRCS policy requires that technical assistance provided for conservation planning follow the guidance and processes in the NRCS National Planning Procedures Handbook (NPPH). For the purposes of providing conservation planning technical assistance, Technical Service Providers are to complete the actions required in the first seven Steps of the NPPH planning process. All deliverables below are based on that requirement. For detailed guidance, planners should refer to the appropriate section of the NRCS NPPH (CNMP Technical Guidance).***

**Deliverables:**

1. Document environmental compliance for the planned system of conservation practices to be used by the animal feeding operation. Refer to Pennsylvania eFOTG, Section III. C. Planning and Environmental Compliance Information and include the following:
  - a. Environmental Evaluation Worksheet-Pennsylvania Substitute for NRCS-CPA-52 (Section III. C., eFOTG)
  - b. Cultural Resources Review Worksheet (Section II. C. Cultural Resources Information, eFOTG)
  - c. PNDI Project Environmental Review Receipt from Pennsylvania Natural Heritage Program, PNDI Project Planning Environmental Review at <http://www.naturalheritage.state.pa.us/>

Note: Environmental compliance activities must be coordinated with the NRCS designated agency representative since all findings and interagency consultation are the responsibility of the lead Federal agency.

2. Document the AFO owner's/operator's consideration of the six CNMP elements. A CNMP may not contain all six elements; however, they need to be considered by the AFO owner/operator during development of the CNMP, and the owner's and/or operator's decisions regarding each must be documented. These elements are as follows:
  - a. **Manure and Wastewater Handling and Storage.** Provide information and documentation that addresses manure and wastewater handling and storage issues. Follow the requirements of NRCS Field Office Technical Guide (eFOTG) including PA313, 633, 634, 635, 561, etc., and Title 25, Part I, Chapter 83.311 (Pa Act 38). Use the PA CNMP Engineering Inventory Worksheet and the PA CNMP Engineering Evaluation for Manure and Wastewater Handling and Storage for guidance.
  - b. **Land Treatment Practices.** Provide information and documentation that addresses soil and water quality criteria as found on the CNMP Environmental Evaluation Worksheet for feedlot, production area, and land on which the manure and organic by-products will be applied. This includes addressing soil erosion to reduce the transport of nutrients within or off of a field to which manure is applied and reduces soil loss to the tolerable (T) level or below in these areas. Land treatment must eliminate existing gullies.
  - c. **Nutrient Management.** Provide information and documentation that addresses the requirements for land application of all nutrients and organic by-products for each field. Follow the requirements of Title 25, Part I, Chapter 83.201-491(Pa Act 38). Use the Act 38 Tech Manual for guidance.

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- d. **Record Keeping.** Provide guidance to the land owner/operator for keeping records for all elements of this CNMP.
- e. **Feed Management (optional)**
- f. **Other Utilization Activities (optional).** Provide information and documentation that addresses utilization of manure for purposes other than land application at the CNMP site.

***NOTE: The degree to which each of the preceding CNMP elements is addressed is determined by the General Criteria and must meet the specific criteria provided for each element in the National Planning Procedures Handbook (NPPH), Sections 600.53 and 600.54***

- 3. **Format and Content.** Comprehensive Nutrient Management Plans will be written in a standard format and include the following:
  - a. PA Nutrient Management Program standard plan format and content (Act 38 equivalent)
  - b. Documentation covering CNMP Engineering Inventory Worksheet and CNMP Engineering Evaluation for Manure and Wastewater Handling and Storage
  - c. A Land Treatment Plan that addresses all land units that the animal feeding operation (AFO) owner/operator owns or has decision-making authority over and on which manure and organic by-products will be generated, handled, stored, or applied.
- 4. Provide documentation of compliance with all applicable permits or certifications
  - a. Federal, Tribal, State or local permits and/or ordinances.
  - b. Operator or manager certifications.
  - c. Manure applicator certifications.
  - d. Record of inspections or site assessments.
- 5. Document that the CNMP meets all applicable local, Tribal, State, and Federal laws and regulations. When applicable, ensure that USEPA-NPDES or State permit requirements (i.e., minimum standards and special conditions) are addressed.
- 6. Certify that the CNMP meets requirements of the NRCS Field Office Technical Guide (FOTG) conservation practice standards for all practices contained within it.
- 7. Progress reporting

**REFERENCES**

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- NRCS National Planning Procedures Handbook (CNMP Technical Guidance)  
[http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H\\_180\\_600\\_E\\_5.htm](http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H_180_600_E_5.htm)
- NRCS Field Office Technical Guide (eFOTG)  
<http://www.nrcs.usda.gov/technical/efotg>
- NRCS National Engineering Manual  
<http://www.info.usda.gov/CED/ftp/CED/NEM.html>
- NRCS National Agronomy Manual  
[http://policy.nrcs.usda.gov/scripts/lpsiis.dll/M/M\\_190\\_Nam.htm](http://policy.nrcs.usda.gov/scripts/lpsiis.dll/M/M_190_Nam.htm)
- NRCS Environmental Compliance Handbook  
[http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H\\_190\\_610\\_Content.htm](http://policy.nrcs.usda.gov/scripts/lpsiis.dll/H/H_190_610_Content.htm)
- NRCS Cultural Resources Handbook  
<http://www.nrcs.usda.gov/technical/cultural.html>
- Pennsylvania Nutrient Management Program  
<http://panutrientmgmt.cas.psu.edu>